## AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

### LISTING OF CLAIMS

1.     (Currently Amended)     A method for selecting a potential participant for a medical study ~~on the basis of~~ based on a selection criterion, the method comprising:

assigning a first search criterion to the selection criterion based on the medical study;

~~electronically storing patient data assigned to a patient;~~

assigning a second~~ary~~ search criterion to the selection criterion based on the medical study and distinct from ~~to~~ the first search ~~selection~~ criterion;

~~electronically~~ evaluating, using a processor, ~~the~~ patient data stored in a database ~~on the basis of~~ using the second~~ary~~ search criterion;

determining, by the processor and based on the ~~electronic~~ evaluation of the patient data, a measure for fulfilling the selection criterion for ~~the~~ a patient associated with the patient data based on the second search criterion; and

selecting the patient as a potential participant ~~on the basis of~~ for the medical study based on the determined measure.

2.      (Currently Amended)      The method as claimed in claim 1, wherein the secondary search criterion is assigned to the selection criterion in accordance with known medical correlations.

3.      (Currently Amended)      The method as claimed in claim 1, wherein

the secondary search criterion is assigned to the selection criterion in accordance with linguistically employed medical terms associated with the medical study, and

the patient data are is evaluated using a classification algorithm based on the basis of the secondary search criterion with a classification algorithm.

4.      (Currently Amended)      The method as claimed in claim 1, wherein

the secondary search criterion is assigned to the selection criterion in accordance with nonmedical correlations concerning the medical study.

5.      (Currently Amended)      The method as claimed in claim 1, wherein

the measure for fulfilling the selection criteria is determined to be a probability value of 100% or 0% is determined as the measure, and

the patient selected as a potential participant is selected as an actual participant if the probability value for the patient is 100%, and

the patient selected as a potential participant is not selected as an actual participant if the probability value for the patient is 0% or is rejected.

6.      (Currently Amended)      The method as claimed in claim 1, wherein

a probability value except 100% and 0% is determined as the measure,

for the patient selected as a potential participant, a measure with a

probability value of 100% or 0% is determined ~~on the basis of~~ based on other

than the ~~stored~~ patient data, and

the patient selected as a potential participant is selected as an actual

participant if the probability value for the patient is 100%, and

the patient selected as a potential participant is not selected as an actual

participant if the probability value for the patient is 0% ~~or is rejected~~.


7.   (Currently Amended)    The method as claimed in claim 1, wherein

unstructured medical documents assigned to a patient are digitalized in

a text searchable format and stored as patient data.


8.   (Currently Amended)    The method as claimed in claim 2, wherein

the second~~ary~~ search criterion is assigned to the selection criterion in

accordance with ~~linguistically employed~~ medical terms associated with the

medical study, and

the patient data ~~are~~ is evaluated using a classification algorithm based

on ~~the basis of~~ the second~~ary~~ search criterion ~~with a classification algorithm~~.


9.   (Currently Amended)    The method as claimed in claim 2, wherein

the second~~ary~~ search criterion is assigned to the selection criterion in

accordance with nonmedical correlations concerning the medical study.

10. (Currently Amended) The method as claimed in claim 3, wherein

the second~~ary~~ <u>search</u> criterion is ~~assigned to the selection criterion in accordance with~~ <u>based on</u> nonmedical correlations ~~concerning~~ <u>associated with</u> the medical study.

11. (Currently Amended) The method as claimed in claim 8, wherein

the second~~ary~~ <u>search</u> criterion is ~~assigned to the selection criterion in accordance with~~ <u>based on</u> nonmedical correlations ~~concerning~~ <u>associated with</u> the medical study.

12. (Currently Amended) The method as claimed in claim 2, wherein

<u>the measure for fulfilling the selection criterion is determined to be a</u> probability value except 100% and 0% ~~is determined as the measure~~,

for the patient selected as a potential participant, ~~a~~ <u>the</u> measure <u>for fulfilling the selection criterion</u> ~~with a~~ <u>is adjusted to a</u> probability value of 100% or 0% ~~is determined~~ <u>based</u> on ~~the basis of~~ other than the stored patient data, ~~and~~

the patient selected as a potential participant is selected as an actual participant <u>if the probability value for the patient is 100%, and</u>

<u>the patient selected as a potential participant is not selected as an actual participant if the probability value for the patient is 0%</u> ~~or is rejected~~.

13. (Currently Amended) The method as claimed in claim 3, wherein

the measure for fulfilling the selection criterion is determined to be a

probability value except 100% and 0% is determined as the measure,

for the patient selected as a potential participant, a the measure for

fulfilling the selection criteria with a is adjusted to a probability value of 100%

or 0% is determined based on the basis of other than the stored patient data,

and

the patient selected as a potential participant is selected as an actual

participant if the probability value for the patient is 100%, and or is rejected

the patient selected as a potential participant is not selected as an actual

participant if the probability value for the patient is 0%.


14.    (Currently Amended)    The method as claimed in claim 4, wherein

the measure for fulfilling the selection criterion is determined to be a

probability value except 100% and 0% is determined as the measure,

for the patient selected as a potential participant, a the measure for

fulfilling the selection criteria with a is adjusted to a probability value of 100%

or 0% is determined based on the basis of other than the stored patient data,

and

the patient selected as a potential participant is selected as an actual

participant if the probability value for the patient is 100%, and

         the patient selected as a potential participant is not selected as an actual

participant if the probability value for the patient is 0% or is rejected.


15.    (Currently Amended)    The method as claimed in claim 2, wherein

unstructured medical documents assigned to a patient are digitalized <u>in</u> <u>a text searchable format</u> and stored as patient data.

16.    (Currently Amended)    The method as claimed in claim 3, wherein unstructured medical documents assigned to a patient are digitalized <u>in</u> <u>a text searchable format</u> and stored as patient data.

17.    (Currently Amended)    The method as claimed in claim 4, wherein unstructured medical documents assigned to a patient are digitalized <u>in</u> <u>a text searchable format</u> and stored as patient data.

*** END CLAIM LISTING ***